

LEGEND  
(continued)

Known  
productive  
formations

Pic

Brick loam  
(in later Cretaceous formation,  
mostly fine sand and gravel,  
locally black loam of clay  
interbedded with sand)

Ep

Marl  
(in Potomac formation,  
in part weathered, and  
certain to surface detritus)

Kp

Terracotta clay  
(in Potomac formation,  
underlying marl and  
sandy clay)

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LEGEND

SURFICIAL ROCKS

(Areas of surficial  
rocks are shown by  
patterns of dots  
and circles)

Pm

Reclaimed  
tide marsh

Pic

(Later loam and gravel,  
by pattern of  
parallel lines)

Pec

(Earlier gravel and loam)

SEDIMENTARY ROCKS

(Areas of sedimentary  
rocks are shown  
by pattern of  
parallel lines)

Ni

Lafayette  
formation  
(gravel and loam)

Nc

Chesapeake  
formation  
(clay and fine sand)

Ep

Pamunkey  
formation  
(greenish mud)

Km

Monmouth  
formation  
(brown sand)

Km

Matawan  
formation  
(dark sand)

Kp

Potomac  
formation  
(sand and clay)

ANCIENT CRYSTALLINE ROCKS

(Areas of Archean  
rocks and metamorphic  
rocks of unknown origin  
are shown by pattern  
of short dashes)

Rgr

Biottite-granite

Rs

Soapstone and  
serpentine

Rgb

Gabbro

Rmg

Meta-gabbro

Ad

Diorite and  
meta-diorite  
(including hornblende-  
granite and some  
meta-gabbro)

Rg

Granite-gneiss  
(including granite,  
gneiss, and some  
schist)

Ac

Carolina gneiss  
(massive, white, and small  
bodies of granitic gneiss,  
granite, and diorite)

\* Mica, clay pits,  
and quartz

o Deep wells

Sections

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

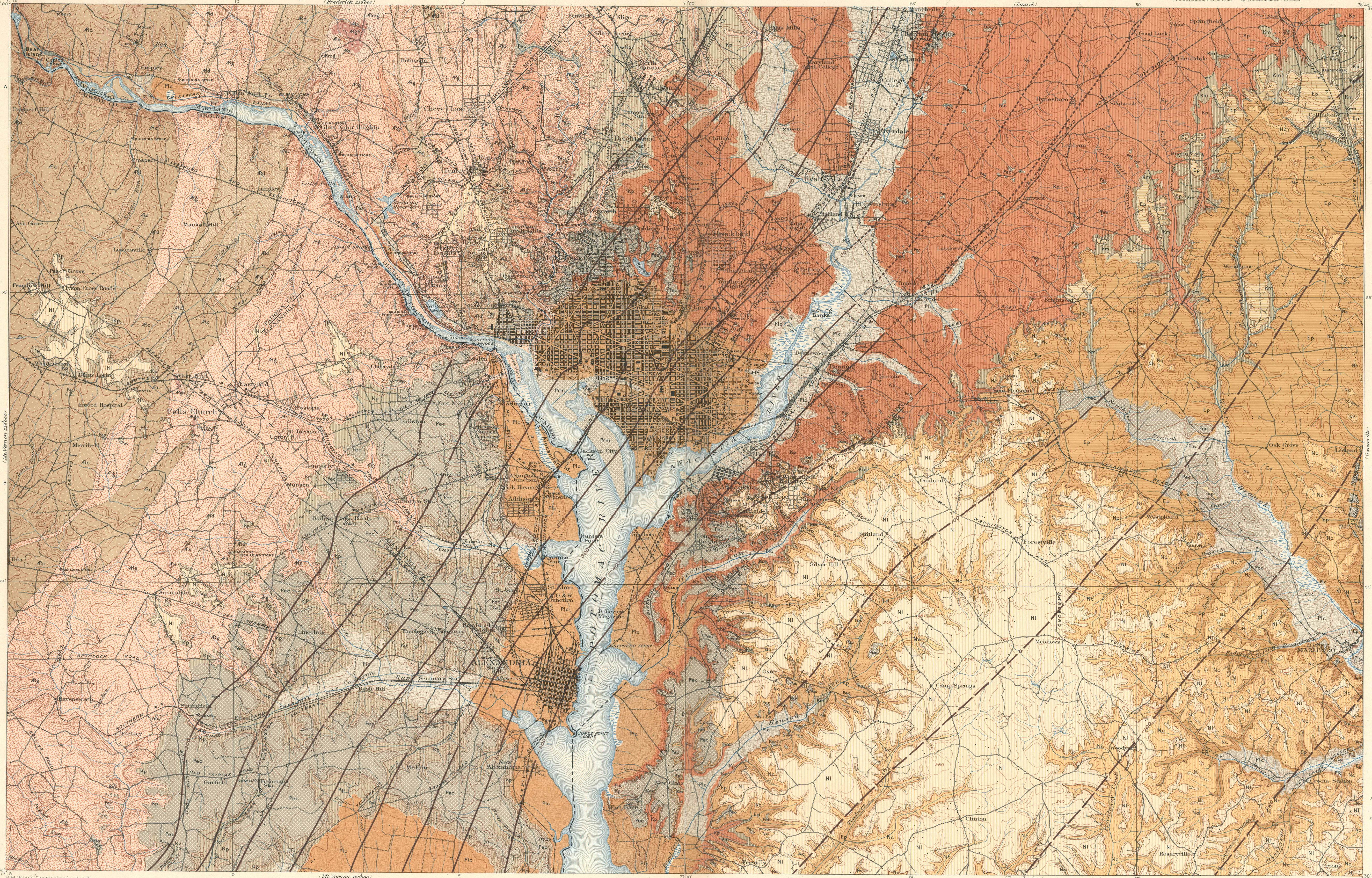
V

W

X

Y

Z



H.M. Wilson, Geographer in charge.  
Triangulation by U.S. Coast and Geodetic Survey.  
Topography by J.D. Hoffman, D.J. Howell, A.E. Murfin, J.H. Jennings,  
M. Hackett, W.M. Beaman, H. Munroe, A. Pike, R. Muldrow, W.J. Lloyd,  
J.W. Thom, A.M. Walker, E.B. Clark, G.E. Hyde,  
and U.S. Coast and Geodetic Survey.  
Surveyed in 1885-88 and 89-97.

Scale 62500  
Contour interval 20 feet.  
Datum same as level.  
Edition of Oct. 1900.

Geology of sedimentary formations by N.H. Darton.  
Geology of crystalline rocks by G.H. Williams and Arthur Keith.  
Surveyed in 1893-1895.